



# INSTALLATION INSTRUCTIONS

Accessory  
TRAILER HITCH

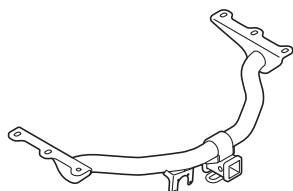
Application  
2017 MDX

Publications No.  
**VERSION 1**  
Issue Date  
**JUN 2016**

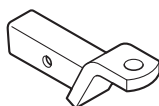
## PARTS LIST

**Trailer Hitch Kit**  
**P/N 08L92-TZ5-2A0**

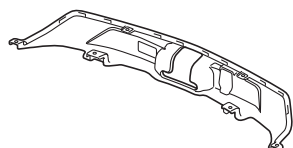
Trailer hitch



Ball mount



Trailer hitch cover



Hitch pin



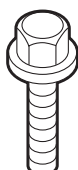
Hitch pin clip



Receiver cover



6 Flange bolts, 14 x 40 mm

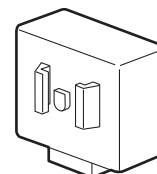


2 Washer-bolts, 6 x 14 mm

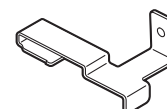


**Trailer Hitch Harness Kit**  
**P/N 08L91-TZ5-200A**

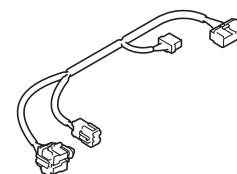
Control unit



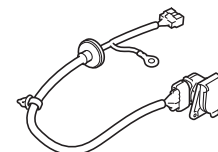
Control unit bracket



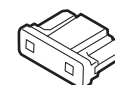
Control unit harness



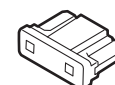
Socket harness



2 Blade fuses, 7.5A



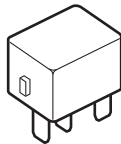
2 Blade fuses, 20A



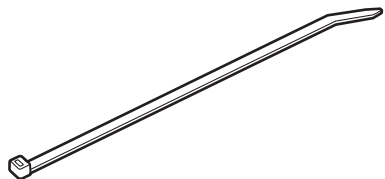
Block fuse, 20A



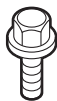
2 Relays



5 Wire ties



Flange bolt, 6 x 16 mm



Shoulder bolt, 6 x 19 mm



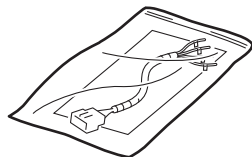
2 Flange nuts



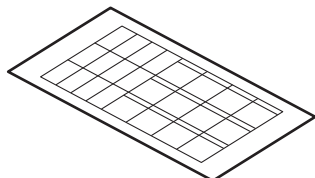
Urethane tape



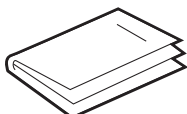
Subharness kit



Fuse label



Accessory User's Information Manual



## TOOLS AND SUPPLIES REQUIRED

10 mm Open end wrench

Ratchet

Torque wrench

10 mm and 18 mm Sockets

Flat-tip screwdriver

Pushpin

Ruler

Scissors

Utility knife

File

Diagonal cutters

Isopropyl alcohol

Shop towel

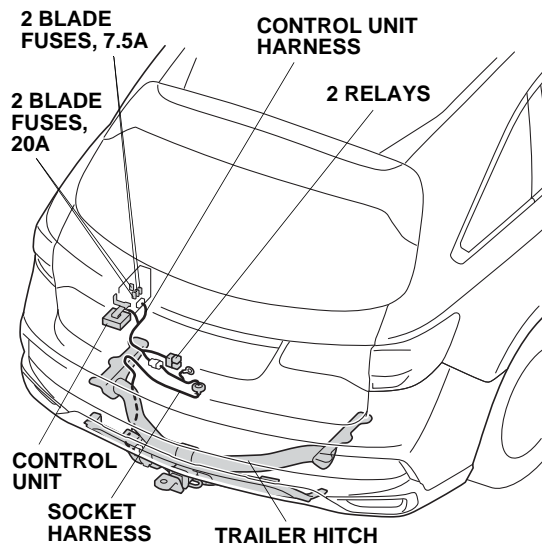
2 in. long, 1/4 in. Drive extension bar

T20 TORX bit

*The following tools are available through the Acura Tool and Equipment Program. On the iN, click on: Service > Service Bay > Tool and Equipment Program, then enter the number under "Search." Or, call 888-424-6857.*

- Trim Tool Set (T/N SOJATP2014)
- Plastic Trim Tool (T/N SILTRIMTL10)

## Illustration of the Trailer Hitch Installed on the Vehicle



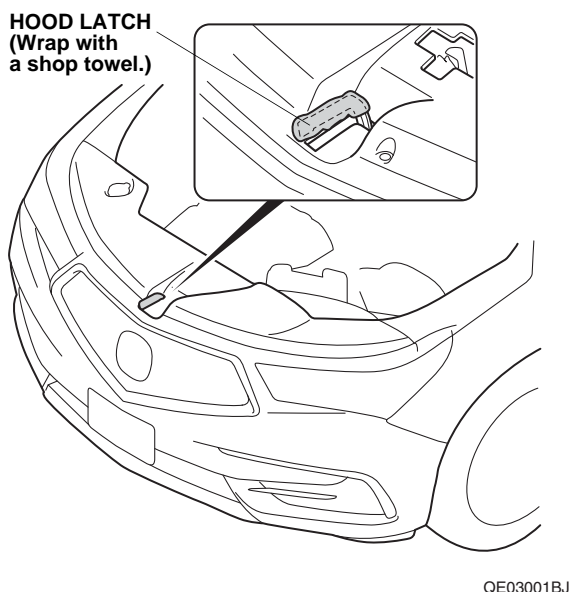
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## INSTALLATION

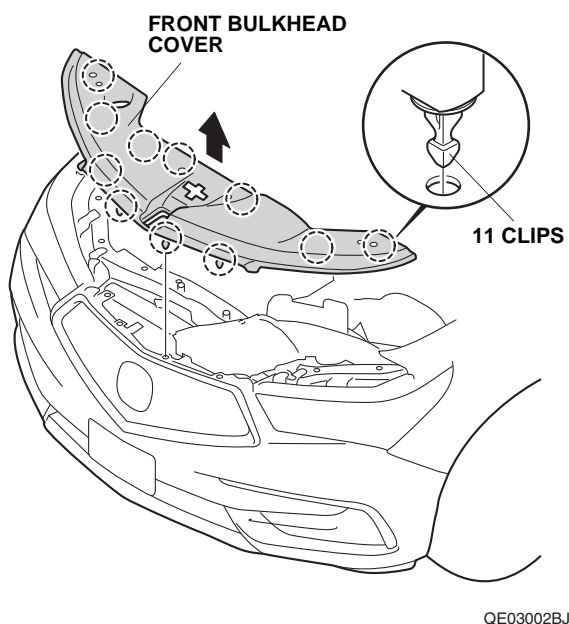
**Client Information:** The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by “do-it-yourselfers.”

### Removing the Vehicle Parts

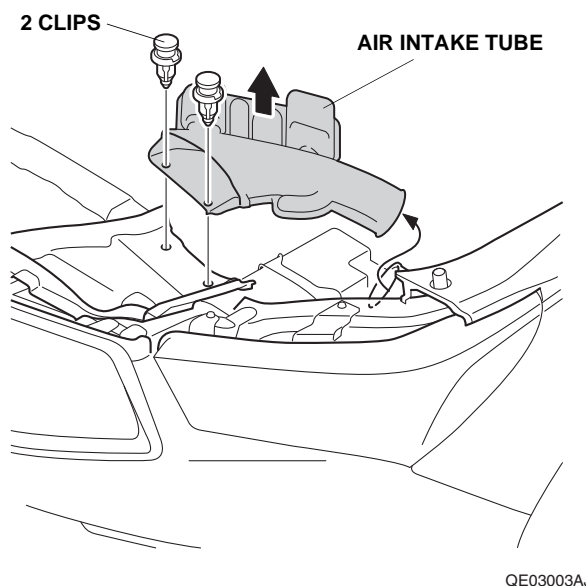
1. Disconnect the negative cable from the battery:
  - Wrap a shop towel around the hood latch.



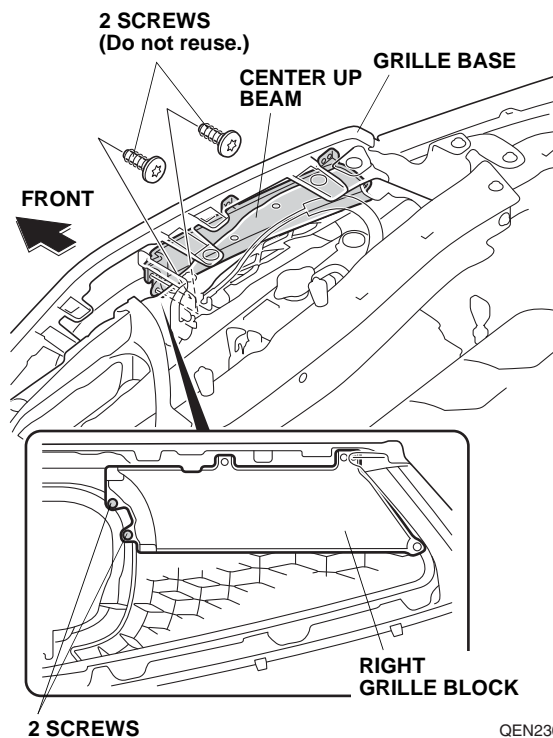
- Remove the front bulkhead cover.



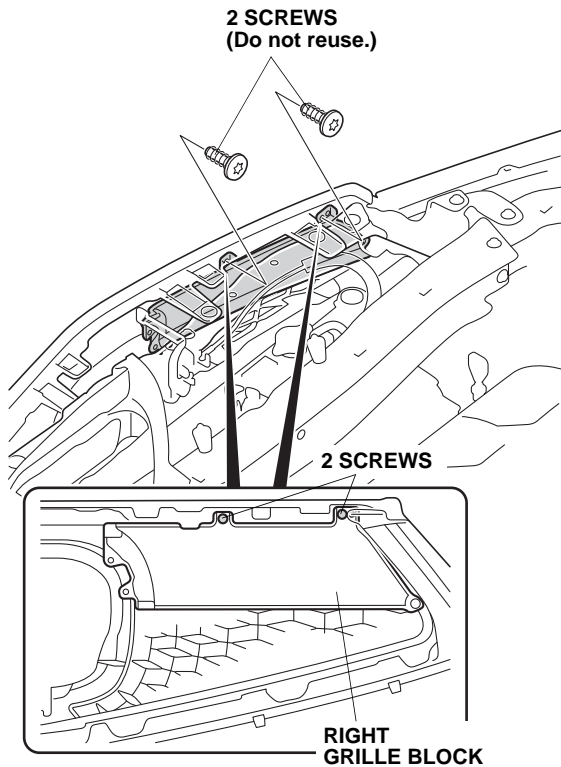
- Remove the air intake tube.
- Disconnect the negative cable from the battery.



2. Remove the right grille block:
  - Using a ratchet and T20 TORX bit, remove two screws. Reach between the grille base and the center up beam for access.  
NOTE: It is important to remove the right grille block for increased cooling capacity while towing.

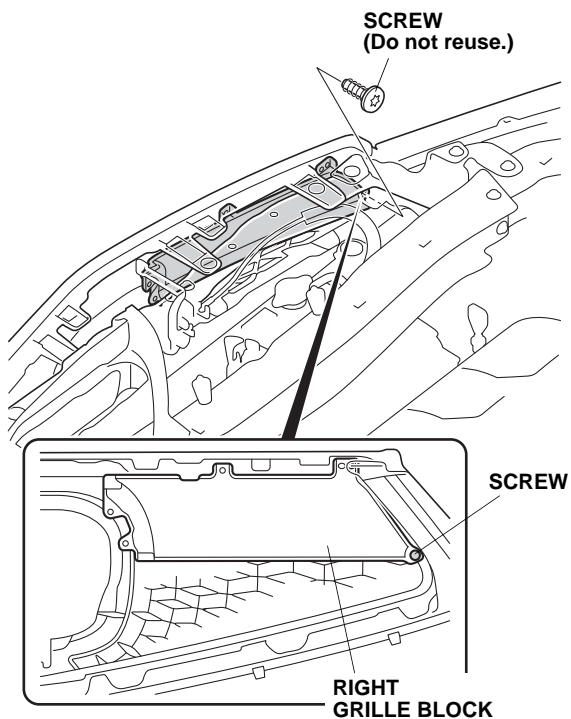


- Using a ratchet, T20 TORX bit, and 2 in. long 1/4 in. drive extension bar, remove two screws.



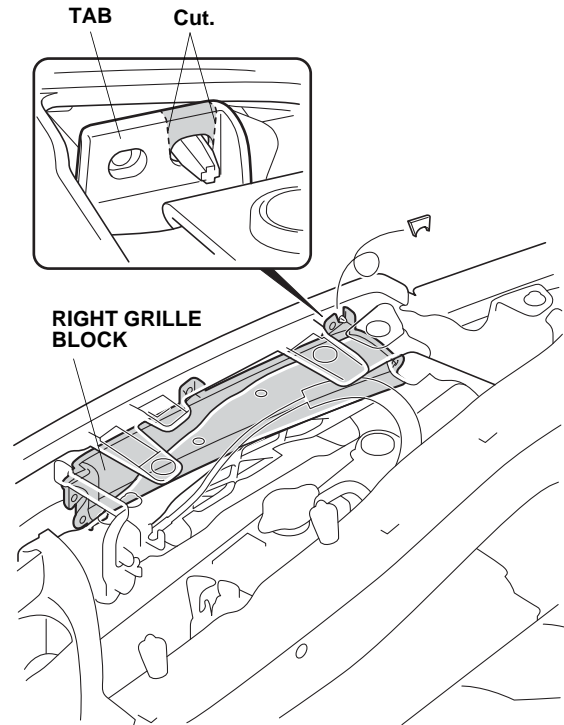
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- Using a ratchet and T20 TORX bit, remove one screw.



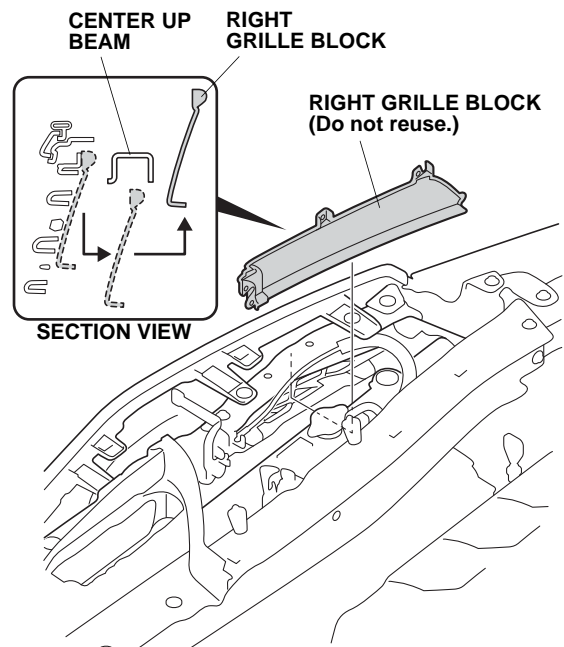
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- Using diagonal cutters, cut the top right corner tab to pull out the right grille block.



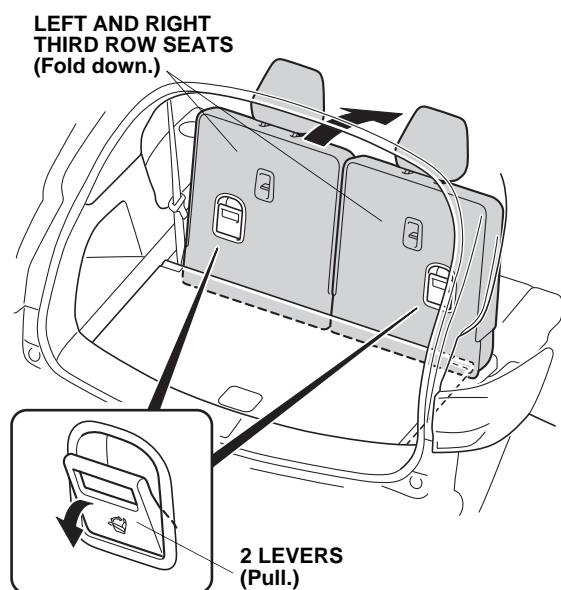
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- Lower the right grille block below the center up beam and bring it out behind the center up beam.



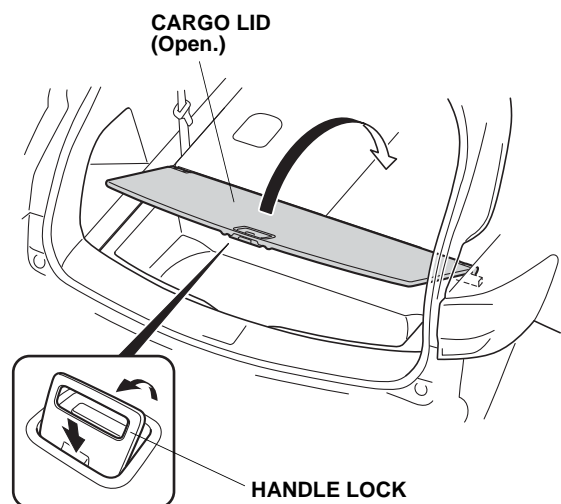
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3. Pull each lever and fold down the left and right third row seats.



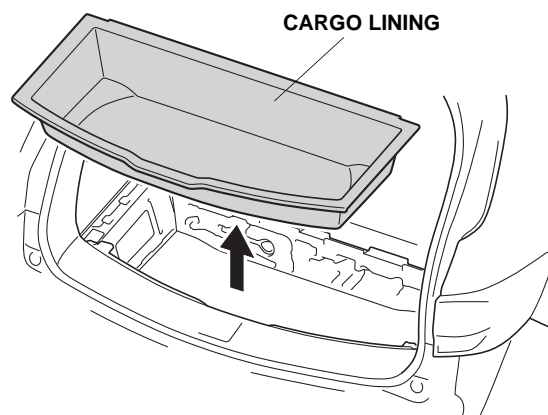
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4. Open the cargo lid.



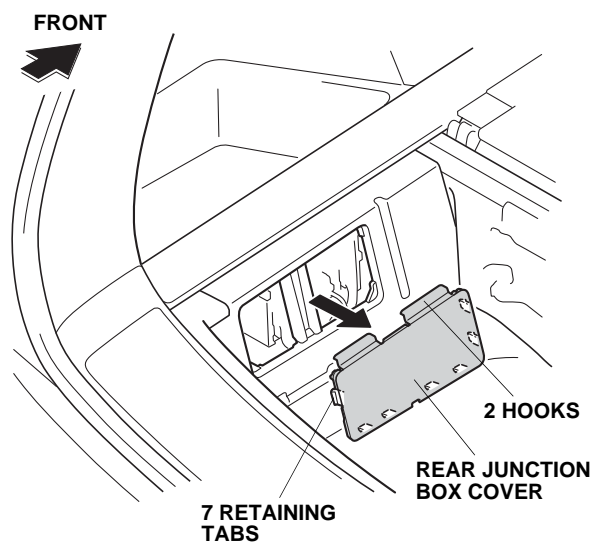
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5. Remove the cargo lining.



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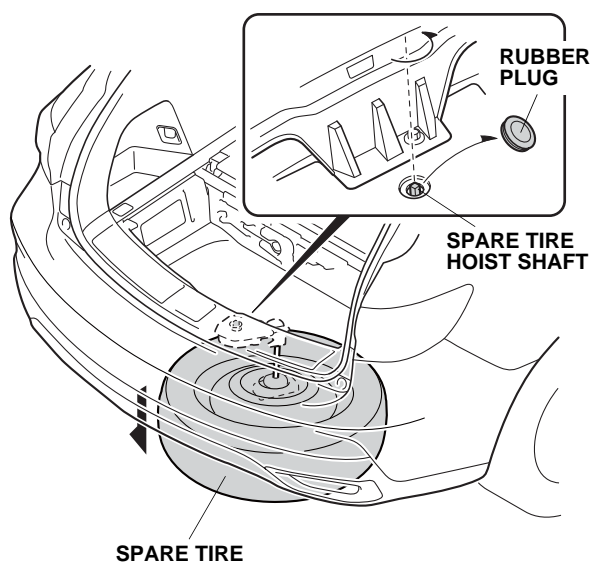
6. Remove the rear junction box cover.



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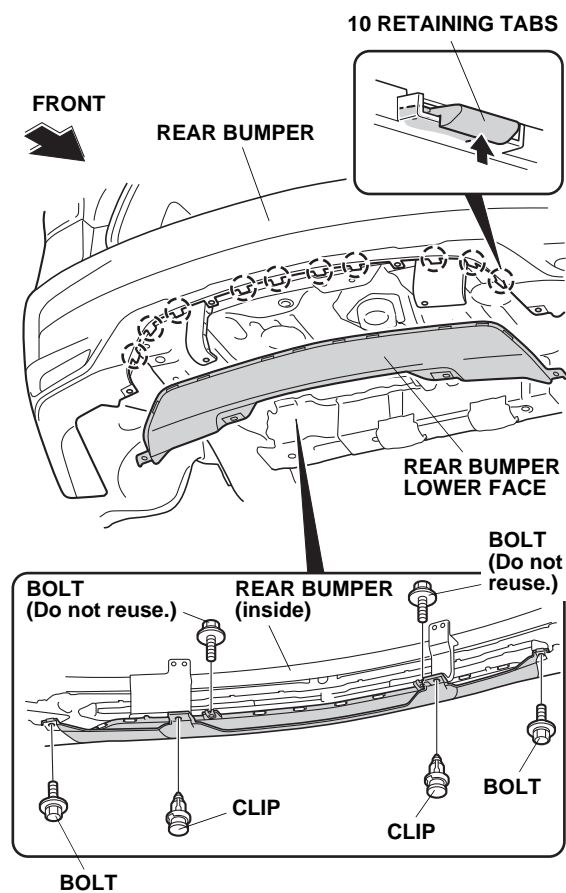
**With spare tire: go to step 7, otherwise go to step 8.**

7. Locate and remove the rubber plug to access the spare tire hoist shaft. Lower the spare tire completely.



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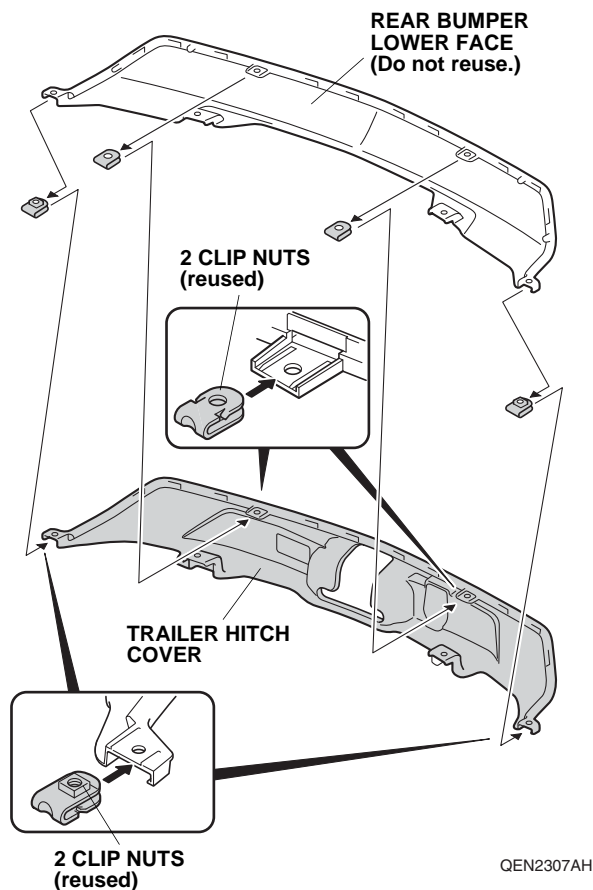
8. Under the vehicle, locate and remove the rear bumper lower face.



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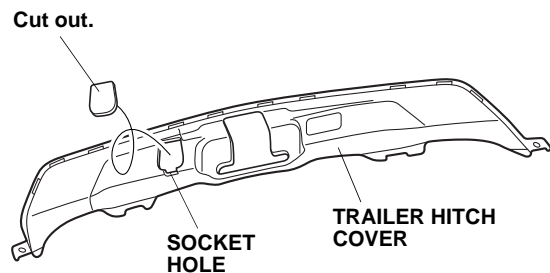
## Installing the Trailer Hitch

9. Remove the four clip nuts from the rear bumper lower face and transfer the four clip nuts to the trailer hitch cover.

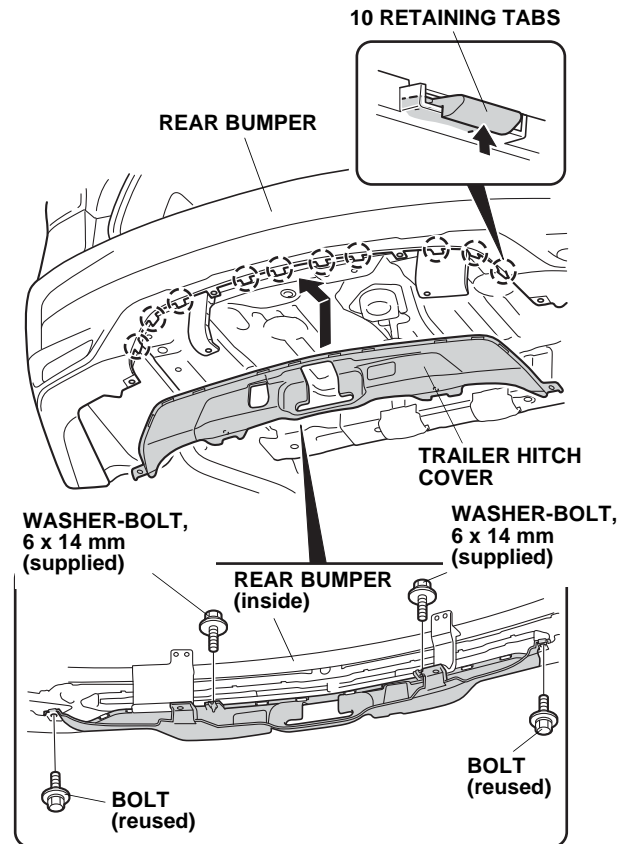


**With trailer hitch harness: go to step 10, otherwise go to step 11.**

10. Using a utility knife, cut out the trailer hitch cover as shown. Remove any burrs.



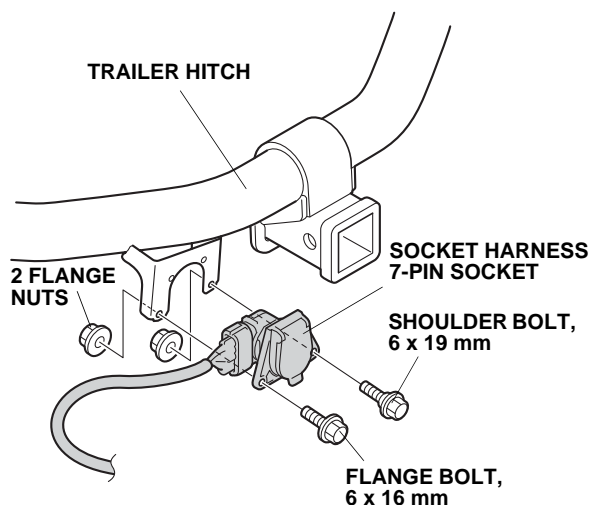
11. Install the trailer hitch cover to the rear bumper. Secure the trailer hitch cover using the 10 retaining tabs, two 6 x 14 mm washer-bolts included in the kit, and the two bolts removed in step 8.





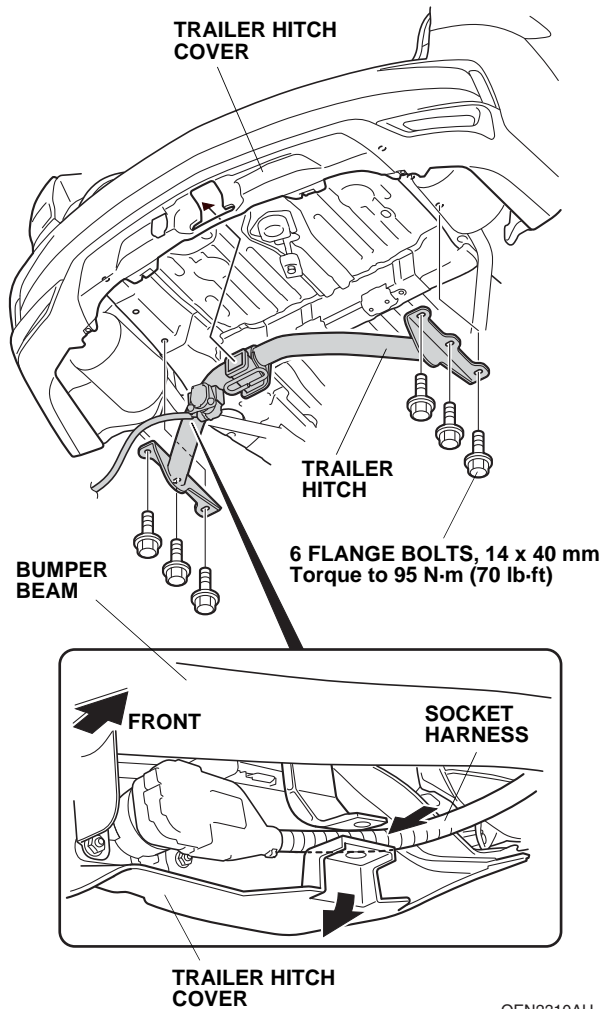
**With trailer hitch harness: go to step 12, otherwise go to step 13.**

12. Install the socket harness 7-pin socket to the trailer hitch with one 6 x 16 mm flange bolt, one 6 x 19 mm shoulder bolt, and two flange nuts.



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13. With the help of an assistant, position the trailer hitch on the vehicle and loosely install the six 14 x 40 mm flange bolts.

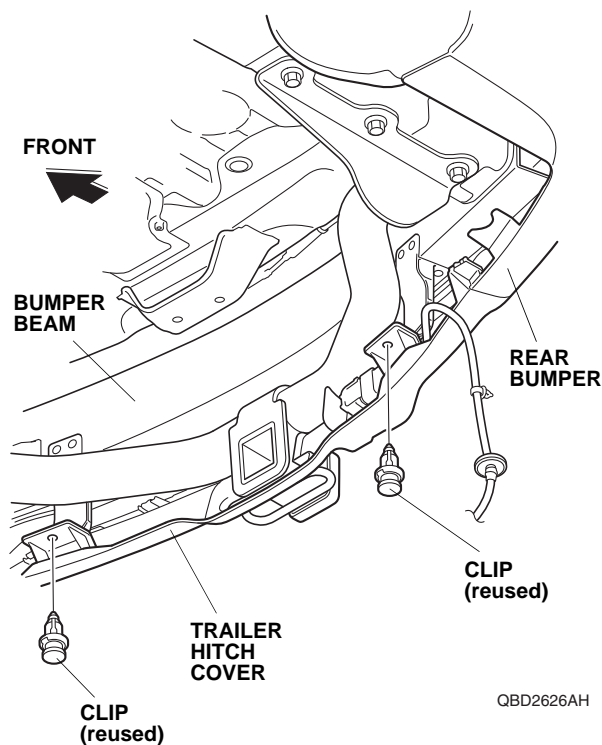


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14. Torque the six 14 x 40 mm flange bolts to 95 N·m (70 lb·ft).



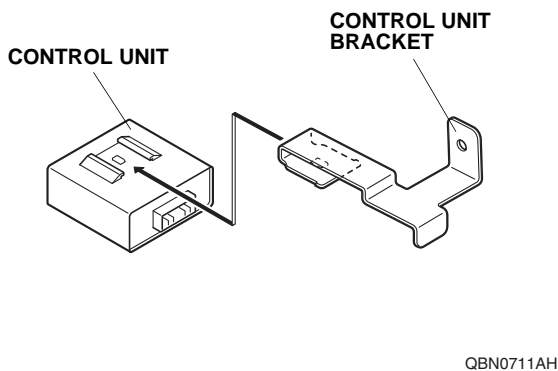
15. Secure the trailer hitch cover to the bumper beam with two clips removed in step 8.



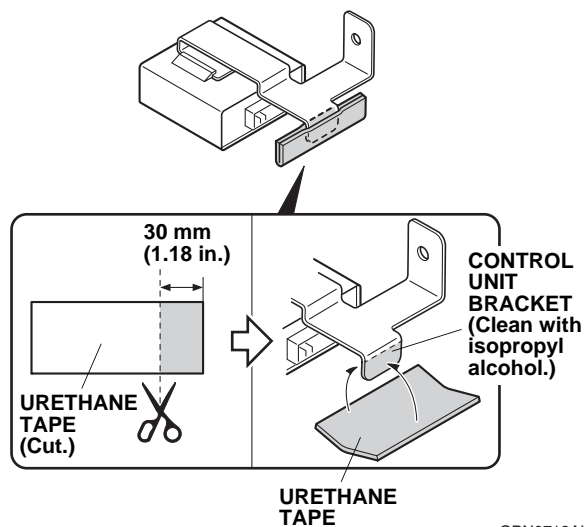
### Installing the Control Unit and Socket Harnesses

**With trailer hitch harness: go to step 16, otherwise go to step go to step 40.**

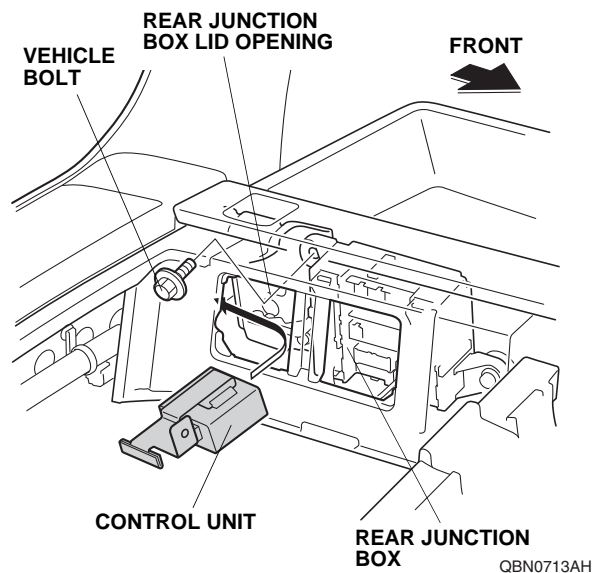
16. Install the control unit bracket to the control unit.



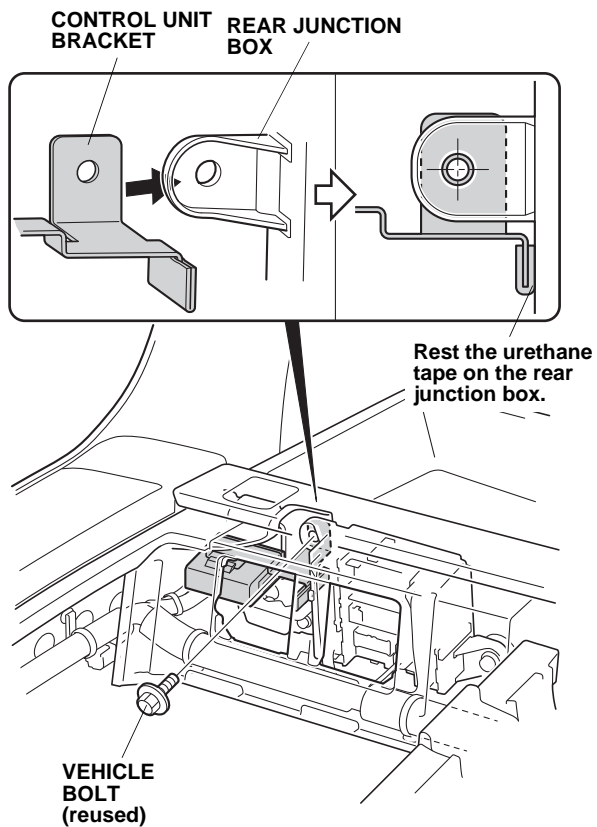
17. Using isopropyl alcohol on a shop towel, thoroughly clean the control unit bracket where the urethane tape will attach.



18. Using scissors, cut one urethane as shown. Wrap the cut urethane tape around the control unit bracket as shown.
19. Remove the vehicle bolt from the rear junction box. Insert the control unit into the rear junction box lid opening as shown.

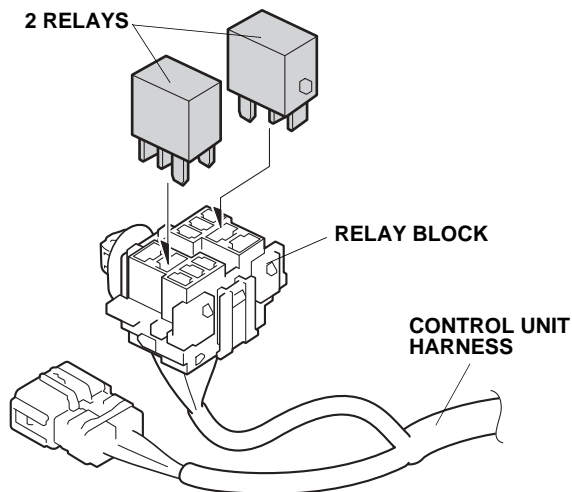


20. Position the control unit bracket as shown, and secure the control unit bracket with the vehicle bolt.



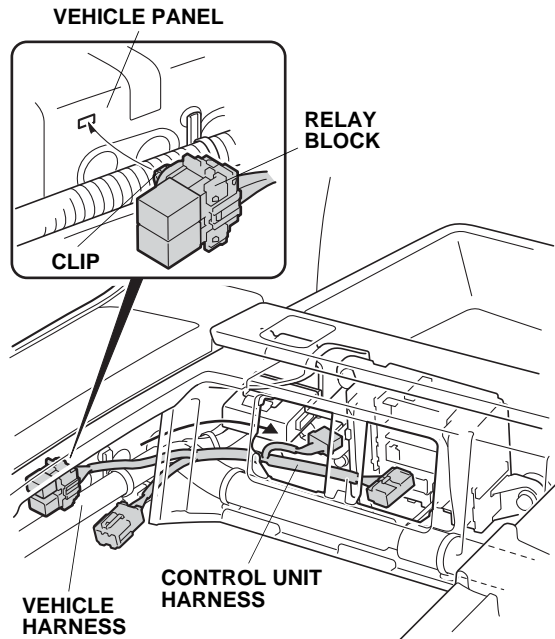
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21. Install the two relays into the control unit harness relay block.



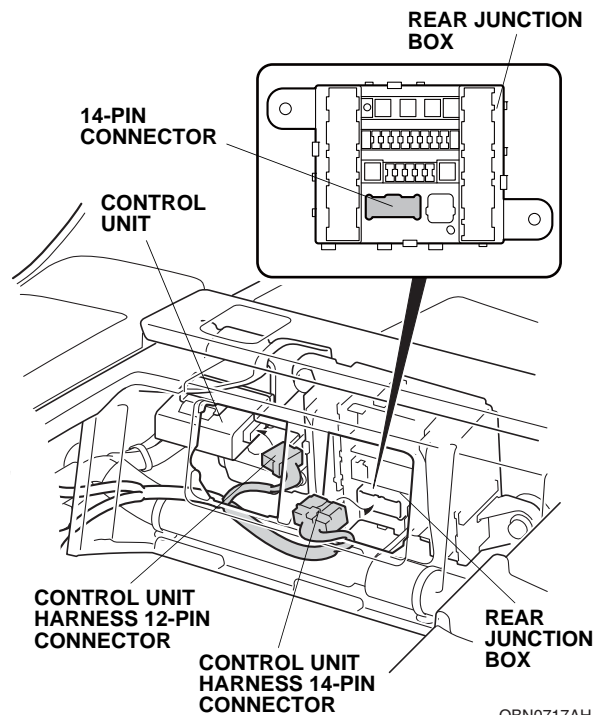
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22. Route the control unit harness along the vehicle harness and attach the control unit harness relay block to the vehicle panel.



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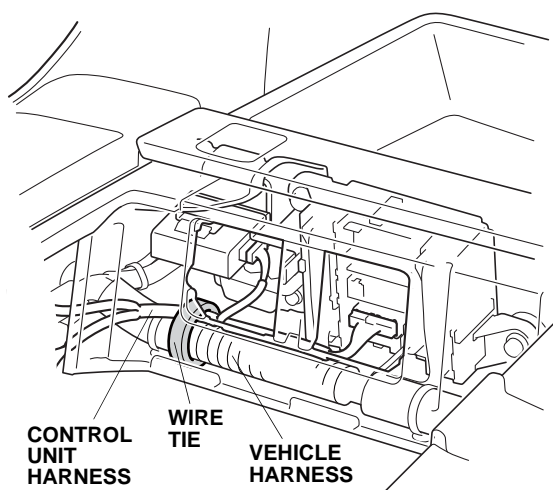
23. Plug the control unit harness 14-pin connector into the rear junction box 14-pin connector.



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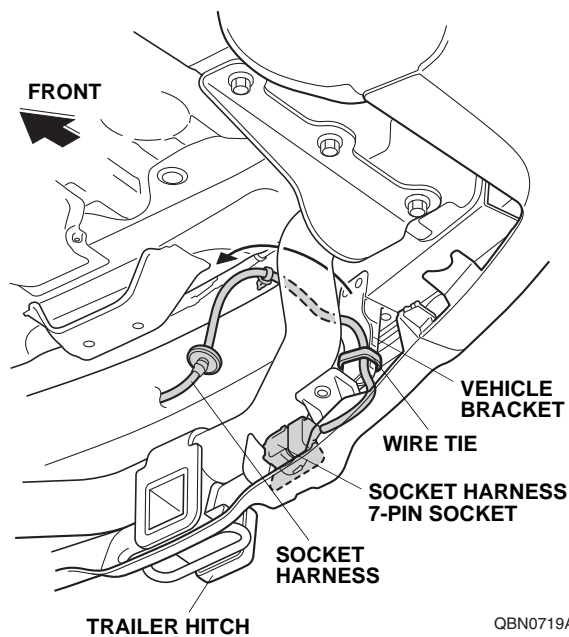
24. Plug the control unit harness 12-pin connector into the control unit.

25. Secure the control unit harness to the vehicle harness with one wire tie.



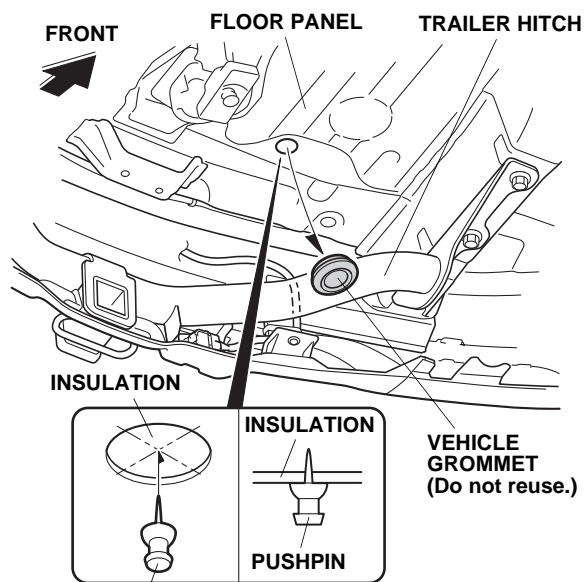
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26. Under the vehicle, route the socket harness as shown and secure it to the vehicle bracket with one wire tie.



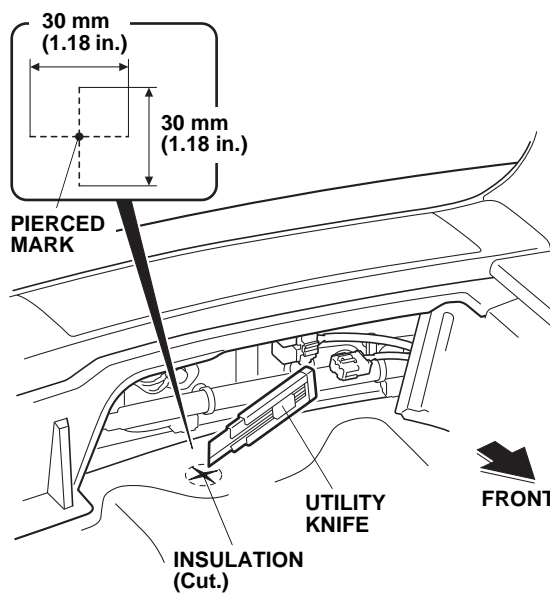
QBN0719AH

27. Locate and remove the vehicle grommet from the floor panel.



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28. Using a pushpin, pierce the insulation.  
29. Using a utility knife, cut the insulation as shown. Do not damage the floor panel.

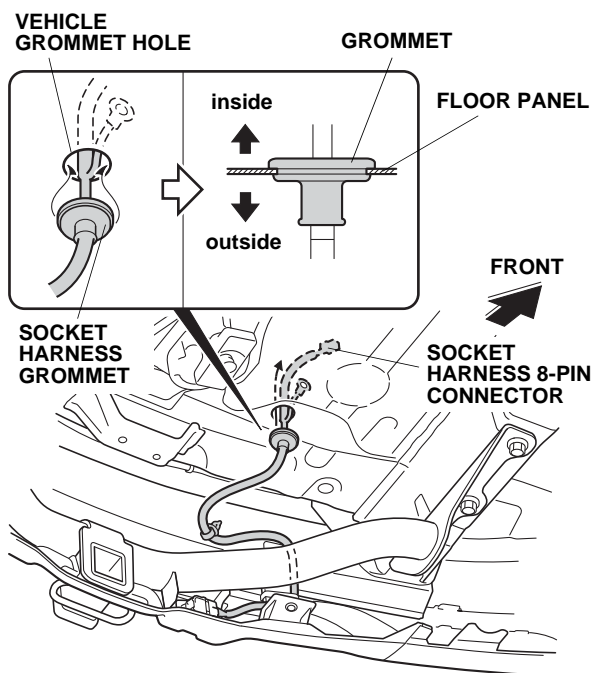


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30. Route the socket harness 8-pin connector through the vehicle grommet hole and seat the socket harness grommet into the vehicle grommet hole.

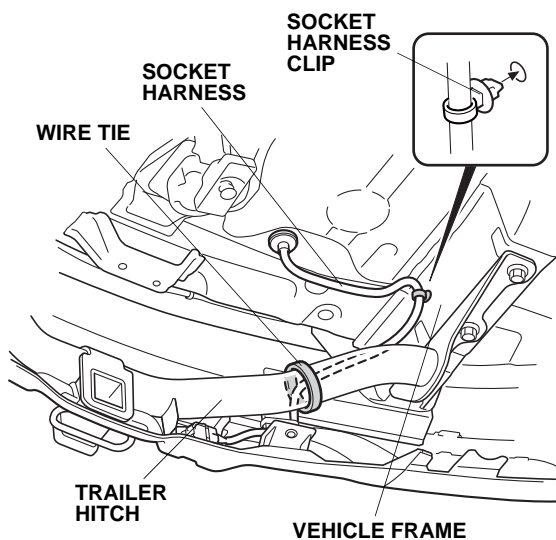
**NOTE:**

- Install the socket harness by holding the grommet.
- Make sure the grommet is secured properly.



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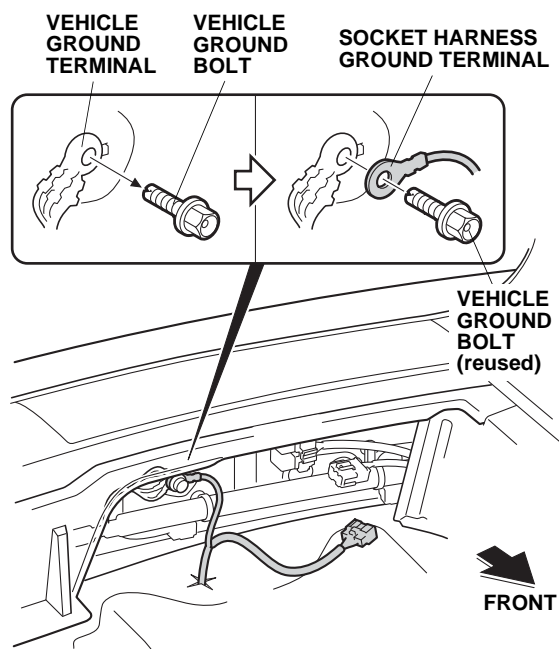
31. Secure the socket harness clip to the vehicle frame.



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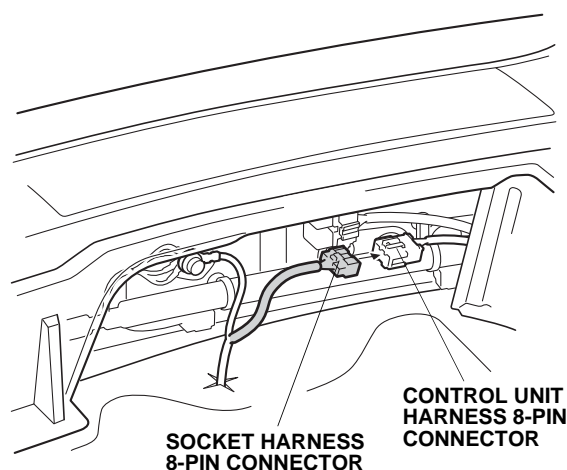
32. Secure the socket harness to the trailer hitch with one wire tie.

33. Remove the vehicle ground bolt. Attach the socket harness ground terminal to the vehicle ground terminal and install the vehicle ground bolt. Do not put the ground terminal caulking on top of one another.



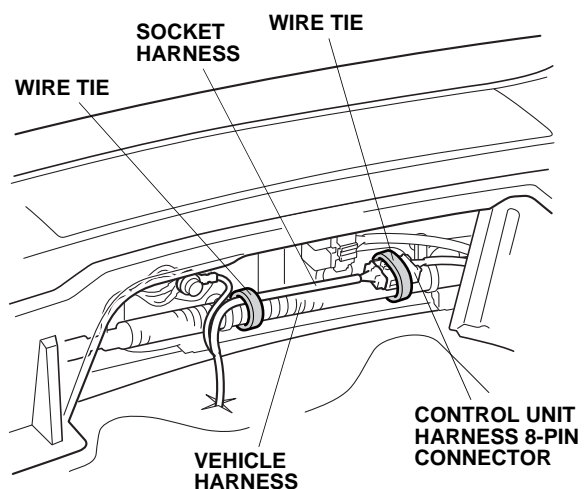
QBN0724AH

34. Plug the socket harness 8-pin connector into the control unit harness 8-pin connector.



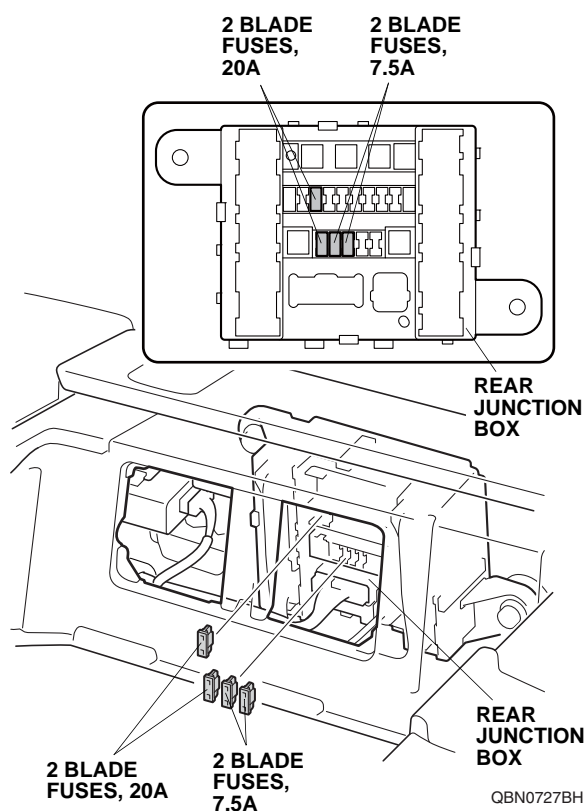
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35. Secure the control unit harness 8-pin connector to the vehicle harness with one wire tie.



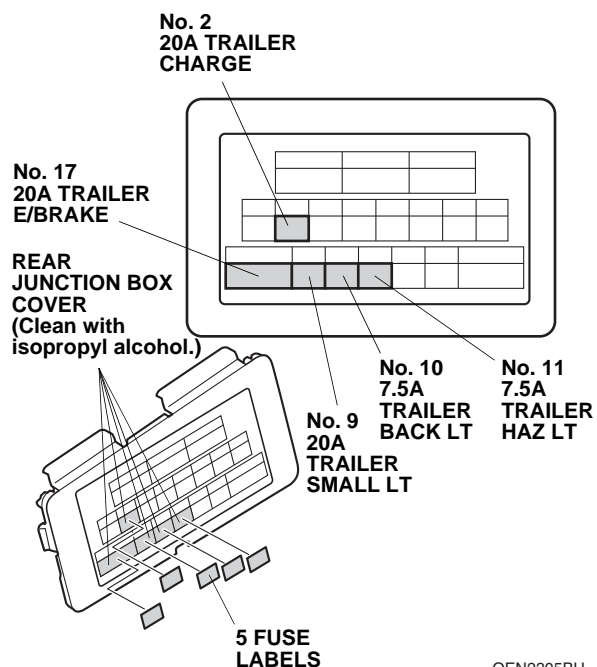
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36. Secure the socket harness to the vehicle harness with one wire tie.
37. Plug the two 7.5A blade fuses and the two 20A blade fuses into the rear junction box.



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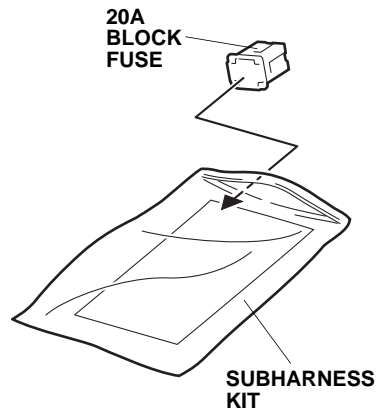
38. Using isopropyl alcohol on a shop towel, thoroughly clean the rear junction box cover where the fuse labels will attach.



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39. Attach the fuse labels to the rear junction box cover as shown.
40. Check that all wire harnesses are routed properly and that all connectors are plugged in.
41. Install all removed parts except for the front bulkhead cover and the intake air tube.
42. Connect the negative cable to the battery.
43. Install the front bulkhead cover and the intake air tube.
44. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
45. Set the clock on vehicles without navigation.
46. Secure the ball mount to the trailer hitch with one hitch pin and the hitch pin clip.
47. If necessary, restore the systems back to normal operation as described in the service information.
48. Refer to the "TRAILER HARNESS TESTER" and do the "Trailer Harness Circuit Check."

49. Put the 20A block fuse into the subharness kit.

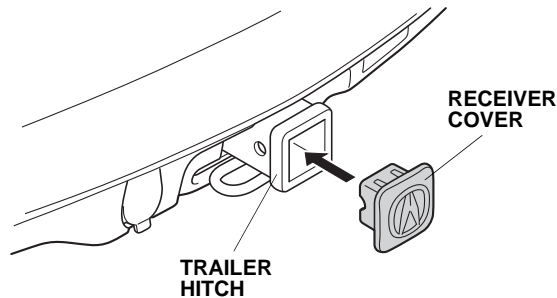


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50. Place the subharness kit into the vehicle glove box.

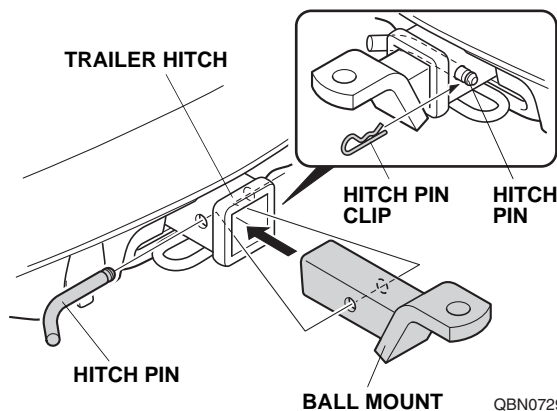
**Give a copy of this page to your client**

Whenever you remove the hitch pin clip, the hitch pin, and the ball mount, store them securely in the cargo area. Install the receiver cover into the opening at the end of the trailer hitch. When you reinstall the ball mount, store the receiver cover in the cargo area.



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Install the ball mount into the trailer hitch using a hitch pin clip and hitch pin.

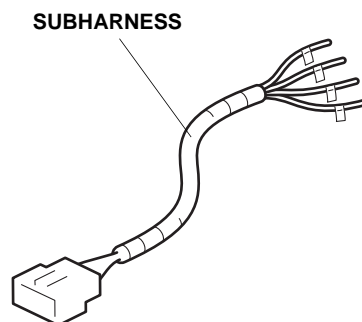


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After the first 600 miles (1,000 km) of towing, have your Acura Dealer check the tightness of the trailer hitch bolts.

### How to Handle Subharness

This subharness is designed for use with the installation of an electric brake controller. Refer to the vehicle owner's manual for detailed information about handling this subharness.



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